

L Number	Hits	Search Text	DB	Time stamp
1	0	PINKERT.in. and albumin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/20 15:04
2	0	PINKERT.in. and enhancer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/20 15:33
3	393	(liver adj specific) and vector	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/20 15:34
4	7	(liver adj specific adj promoter)and (liver adj specific adj enhancer) and vector	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/20 15:34
5	60	liver adj specific adj expression	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/20 15:35
6	2	(liver adj specific adj expression) and ((liver adj specific adj promoter)and (liver adj specific adj enhancer) and vector)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/20 15:53
7	1	thyroid adj binding adj globulin adj promoter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/20 15:54
8	2	microglobulin/bikunin adj enhancer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/20 15:55
9	2	(thyroxin adj binding adj globulin)near5 liver	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/20 15:58
10	0	(thyroxin adj binding adj globulin)near10 (liver adj specific)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2001/09/20 15:58

L3 ANSWER 5 OF 5 BIOTECHDS COPYRIGHT 2001 DERWENT INFORMATION LTD
AN 1990-12987 BIOTECHDS
TI Retro viral-mediated gene transfer to murine hepatocytes: **vectors**
with incorporated **liver-specific enhancer**
and promoter elements;
alpha-fetoprotein and albumin promoter and enhancer sequences; retro
virus **vector**; gene cloning and **expression** in mouse
hepatoma and fibroblast cell culture (conference abstract)

AU Wolf D A; Papaconstantinou J
LO Department of Human Biological Chemistry and Genetics, University of
Texas Medical Branch, Galveston, TX 77550, USA.
SO J.Cell.Biochem.; (1990) Suppl.14A, D432
CODEN: JCEBD5
DT Journal
LA English
AB The mouse alpha-fetoprotein (AFP) gene is expressed only in fetal liver,
and to a lesser extent in yolk sac and embryonic gut, while the albumin
gene is expressed in fetal and adult liver. The liver specificity of
the albumin gene is conferred by its promoter region. The AFP gene contains
a **liver-specific promoter** and 3 distal
enhancers within the first 7 kb upstream. A series of retro virus
vectors was constructed, with lacZ (beta-galactosidase,
EC-3.2.1.23) reporter gene transcription directed by a mouse albumin
promoter. Virus enhancer sequences in the U3 region of the downstream
long terminal repeat (LTR) were replaced with fragments of AFP enhancer
sequence. These sequences were duplicated to the upstream LTR during
reverse transcription in target cells. Internal sequences conferring
G418-resistance allowed selection of stable producer cells, and enabled
the virus to be titered by correlating the amount of viral RNA in the
medium to the number of G418-resistant colonies produced by virus with
wild-type LTRs. Psi-CRE was used as packaging cell culture, and mouse
hepatoma BWTG3 and fibroblast NIH3T3 cell culture were compared as
target cells. (0 ref)

TI Retro viral-mediated gene transfer to murine hepatocytes: **vectors**
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AB. . . adult liver. The liver specificity of the albumin gene is
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transcription directed by a mouse albumin promoter. Virus enhancer
sequences in the. . .

CT MOUSE ALPHA-FETOPROTEIN, ALBUMIN GENE PROMOTER, ENHANCER, RETRO VIRUS
VECTOR APPL. IN LIVER TISSUE-SPECIFIC GENE **EXPRESSION**,
BETA-GALACTOSIDASE REPORTER GENE CLONING IN MOUSE HEPATOMA BWTG3,
FIBROBLAST NIH3T3 CELL CULTURE MAMMAL PROTEIN ENZYME EC-3.2.1.23 TUMOR

(FILE 'HOME' ENTERED AT 16:23:39 ON 20 SEP 2001)

INDEX 'ADISALERTS, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
CABA, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO,
CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB,
DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 16:23:51 ON
20 SEP 2001

AND SEA (LIVER SPECIFIC PROMOTER) AND (LIVER SPECIFIC ENHANCER)

0* FILE ADISNEWS
2 FILE BIOTECHABS
2 FILE BIOTECHDS
1 FILE CAPLUS
1 FILE TOXLIT
1 FILE USPATFULL
1 FILE WPIDS
1 FILE WPINDEX

L1 QUE (LIVER SPECIFIC PROMOTER) AND (LIVER SPECIFIC ENHANCER)
AND

FILE 'BIOTECHDS, CAPLUS, TOXLIT, USPATFULL, WPIDS' ENTERED AT 16:26:54

ON

20 SEP 2001

L2 6 S (LIVER SPECIFIC PROMOTER) AND (LIVER SPECIFIC ENHANCER) AND

E

L3 5 DUP REM L2 (1 DUPLICATE REMOVED)

FILE 'STNGUIDE' ENTERED AT 16:34:25 ON 20 SEP 2001

INDEX 'ADISALERTS, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
CABA, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO,
CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB,
DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 16:39:38 ON
20 SEP 2001

SEA LIVER SPECIFIC EXPRESSION

0* FILE ADISNEWS
6 FILE AGRICOLA
2 FILE AQUASCI
3 FILE BIOBUSINESS
1 FILE BIOCOMMERCE
158 FILE BIOSIS
0* FILE BIOTECHABS
8 FILE BIOTECHDS
114 FILE BIOTECHNO
30 FILE CABA
58 FILE CANCERLIT
212 FILE CAPLUS
2 FILE CONFSCI
229 FILE DGENE
128 FILE EMBASE
77 FILE ESBIODASE
17 FILE GENBANK

1 FILE IFIPAT
10 FILE JICST-EPLUS
80 FILE LIFESCI
140 FILE MEDLINE
34 FILE PASCAL
1 FILE PROMT
146 FILE SCISEARCH
29 FILE TOXLINE
118 FILE TOXLIT
44 FILE USPATFULL
4 FILE WPIDS
0* FILE WPINDEX
QUE LIVER SPECIFIC EXPRESSION

L4

=>

From: Schnizer, Holly
Sent: Thursday, September 20, 2001 4:41 PM
To: STIC-ILL
Subject: ref. request for appl. no. 09/553,368

I would like to request the following two references:

1) Pinkert et al. Genes & Dev. (1987) 1: 268-276. An albumin enhancer located 10kB upstream functions along with its promoter to direct efficient, liver specific expression in transgenic mice.

2) AN 1990-12987 BIOTECHDS
TI Retro viral-mediated gene transfer to murine hepatocytes: vectors with incorporated liver-specific enhancer and promoter elements; alpha-fetoprotein and albumin promoter and enhancer sequences; retro virus vector; gene cloning and expression in mouse hepatoma and fibroblast cell culture (conference abstract)
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LO Department of Human Biological Chemistry and Genetics, University of Texas Medical Branch, Galveston, TX 77550, USA.
SO J.Cell.Biochem.; (1990) Suppl.14A, D432
CODEN: JCEBD5

Thank you.

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